

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 2 | "5719393".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 23:44 |
| L3 | 5 | (US-5719393-\$ or US-3699333-\$ or US-3629574-\$ or US-6800847-\$ or US-6956205-\$).did. | USPAT | OR | OFF | 2007/04/01 23:45 |
| L4 | 0 | L3 and (asymmetric) | USPAT | OR | OFF | 2007/04/01 23:46 |
| L5 | 1329 | Asymmetric with voltage | USPAT | OR | OFF | 2007/04/01 23:55 |
| L6 | 75 | L5 and (ion with mobility) | USPAT | OR | OFF | 2007/04/01 23:48 |
| L7 | 24 | L6 and (grid or mesh or wires) | USPAT | OR | OFF | 2007/04/02 00:04 |
| L8 | 8 | L6 and (grid) | USPAT | OR | OFF | 2007/04/01 23:59 |
| L9 | 5 | L6 and (grid with electrode) | USPAT | OR | OFF | 2007/04/01 23:50 |
| L10 | 5 | L6 and (grid with electrode) | USPAT | OR | ON | 2007/04/02 01:04 |
| L11 | 3493 | Asymmetric with voltage | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/01 23:55 |
| L12 | 230 | L11 and (ion with mobility) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/01 23:55 |
| L13 | 54 | L12 and (grid or mesh or interwoven or interleaved) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/01 23:55 |
| L14 | 32 | L12 and ((grid or mesh or interwoven or interleaved) with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/01 23:56 |
| L15 | 1 | "5,420,424".pn. | USPAT | OR | OFF | 2007/04/02 00:20 |
| L16 | 1 | "5719393".pn. | USPAT | OR | OFF | 2007/04/02 00:23 |
| L17 | 9 | (ion with mobility) same ((interwoven or interleaved) with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:25 |
| L18 | 607 | FAIMS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:25 |

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| L19 | 36 | L18 and (rod with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:31 |
| L20 | 1 | ("2006/0169890").URPN. | USPAT | OR | OFF | 2007/04/02 00:26 |
| L21 | 0 | L18 and (criscrossed with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:32 |
| L22 | 0 | L18 and (criscross with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:32 |
| L23 | 0 | L18 and (crisscross with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:32 |
| L24 | 11 | L18 and ((interwoven or woven or interleaved) with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:34 |
| L25 | 28 | L18 and ((mesh or grid) with electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:35 |
| L26 | 2282 | 250/281.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |
| L27 | 1735 | 250/282.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |
| L28 | 414 | 250/283.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |

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| L29 | 111 | 250/284.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |
| L30 | 134 | 250/285.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |
| L31 | 397 | 250/286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |
| L32 | 1028 | 250/287.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:36 |
| L33 | 2276 | 250/288.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L34 | 204 | 250/289.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L35 | 363 | 250/290.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L36 | 263 | 250/291.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L37 | 816 | 250/292.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |

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| L38 | 178 | 250/293.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L39 | 240 | 250/294.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L40 | 150 | 250/295.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L41 | 247 | 250/296.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:37 |
| L42 | 87 | 250/297.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:38 |
| L43 | 9 | (ion with mobility) and (rod with electrode with (perpendicular or (right adj angle))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:52 |
| L44 | 3 | "3699333".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:49 |
| L45 | 3 | "3629574".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:49 |
| L46 | 14 | (ion with mobility) and (rod with electrode with (perpendicular or (right adj angle) or transverse)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:53 |

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| L47 | 22 | (ion with separation) and (rod with electrode with (perpendicular or (right adj angle) or transverse)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:57 |
| L48 | 2 | "4878149".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/04/02 00:57 |
| L49 | 1 | "5420424".pn. | USPAT | OR | ON | 2007/04/02 01:04 |
| S1 | 2 | 10/529307 | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 23:44 |
| S2 | 16 | "4485307" | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:25 |
| S3 | 2 | "4485307".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:28 |
| S4 | 2 | "10529307" | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:28 |
| S5 | 2181 | 250/281.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:49 |
| S6 | 1686 | 250/282.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:49 |
| S7 | 373 | 250/283.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:49 |
| S8 | 93 | 250/284.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:49 |
| S9 | 110 | 250/285.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S10 | 362 | 250/286.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |

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| S11 | 975 | 250/287.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S12 | 2183 | 250/288.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S13 | 169 | 250/289.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S14 | 317 | 250/290.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S15 | 217 | 250/291.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S16 | 762 | 250/292.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S17 | 134 | 250/293.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 14:59 |
| S18 | 214 | 250/294.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S19 | 92 | 250/295.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S20 | 205 | 250/296.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S21 | 57 | 250/297.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S22 | 272 | 250/298.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S23 | 244 | 250/299.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |

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| S24 | 75 | 250/300.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:50 |
| S25 | 6266 | S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:51 |
| S26 | 33 | S25 and (wire adj grid) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/03/08 13:51 |
| S27 | 1 | (ion with separat\$4) with grid with interleaved | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 15:00 |
| S28 | 1 | (ion with separat\$4) with grid with interleaved | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 18:42 |
| S29 | 331 | (ion with separat\$4) with grid | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 15:01 |
| S30 | 9 | (ion with separat\$4) with (wire with grid) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 15:01 |
| S31 | 2 | "5877501".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 19:28 |
| S32 | 12 | "5719393".pn. "656205".pn. "36279574".pn. "3699333".pn. "6800847".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 19:29 |
| S33 | 10 | "5719393".pn. "6956205".pn. "36279574".pn. "3699333".pn. "6800847".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 19:30 |
| S34 | 13 | "5719393".pn. "6956205".pn. "3629574".pn. "3699333".pn. "6800847".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 19:30 |

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| S35 | 1 | 11/165964 | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 21:41 |
| S36 | 221 | ("5021663" "5367167" "5656848" "5688699" "6144285" "6201243").PN" | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 21:41 |
| S37 | 6 | ("5656848" "5688699" "6201243").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 21:52 |
| S38 | 2 | "6398409".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/04/01 21:52 |